List of publications

Articles under review or in press in refereed Journals:

Articles in refereed Journals:

[1] A. Picard, N. Lelong, O. Jamon, V. Fauvher, and C. Tenaud. *A Finite-Volume Chimera method for Fast Transient Dynamic problems with complex flows*. Accepted for publication in International Journal of Computational Fluid Dynamics.

[2] L. Lecointre, R. Vicquelin, S. Kudriakov, E. Studer, and C. Tenaud. *High-order numerical scheme for compressible multi-component real gas flows using an extension of the Roe approximate Riemann solver and specific Monotonicity-Preserving constraints*. Accepted for publication in Journal of Computational Physics.
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[4] M.-A. N'Guessan, M. Massot, L. Séries & C. Tenaud (2021). *High order time integration and mesh adaptation with error control for incompressible Navier-Stokes and scalar transport resolution on dual grids.* Journal of Computational and Applied Mathematics, **387**: 112542.
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[8] Z. Zou, E. Audit, N. Grenier & C. Tenaud (2020). *An Accurate Sharp Interface Method for Two-Phase Compressible Flows at Low-Mach Regime.* Flow Turbulence and Combustion, **105**: 1413—1444.
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Ouvrages ou chapitre dans ouvrages :

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Lecture notes:

[1] C. Tenaud & M. Duarte, *Adapative multiresolution for mesh refinement applied to flow problems.* Lecture notes and tutorials at the MR school, Fréjus France, June 2010.

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